FIG. 1

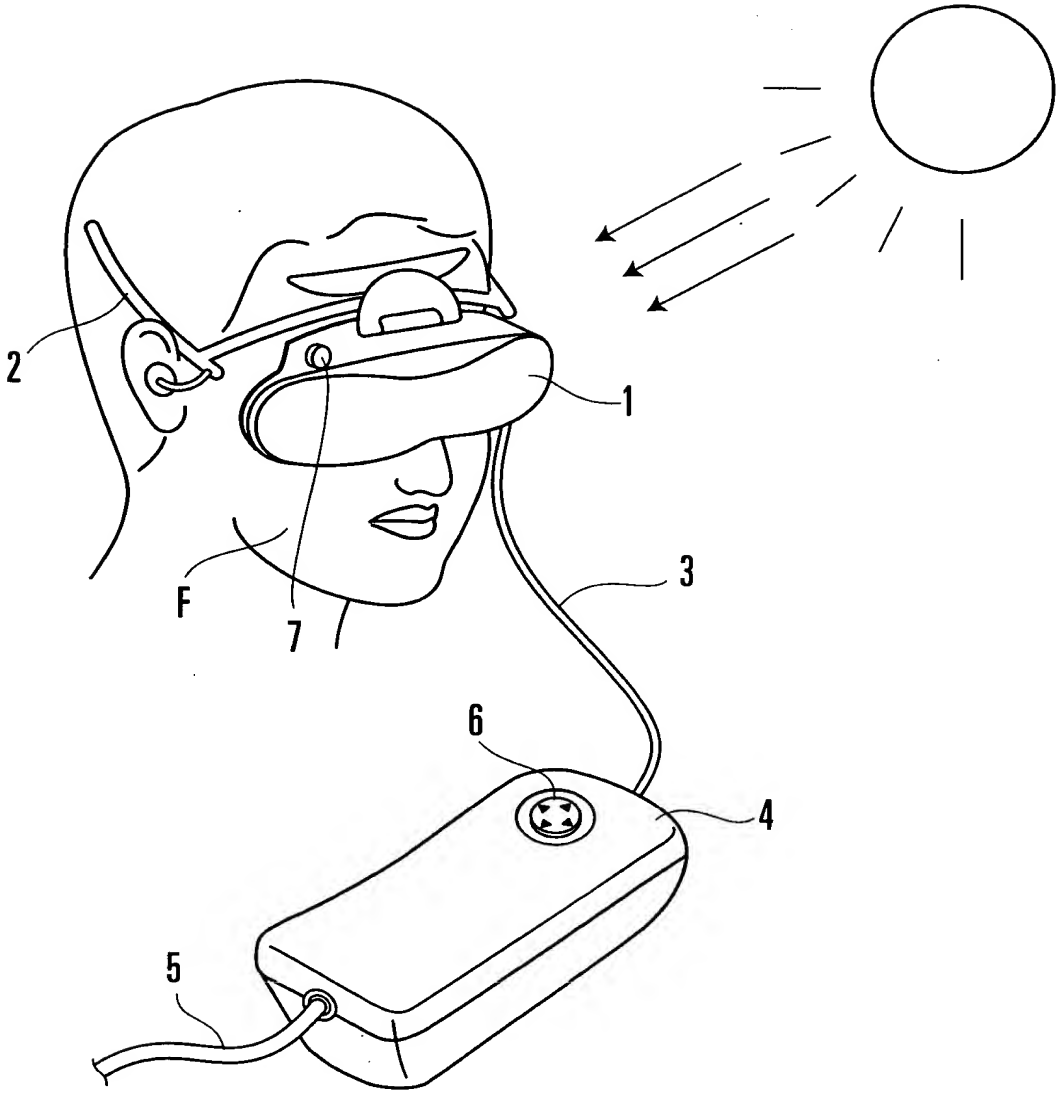

FIG. 2

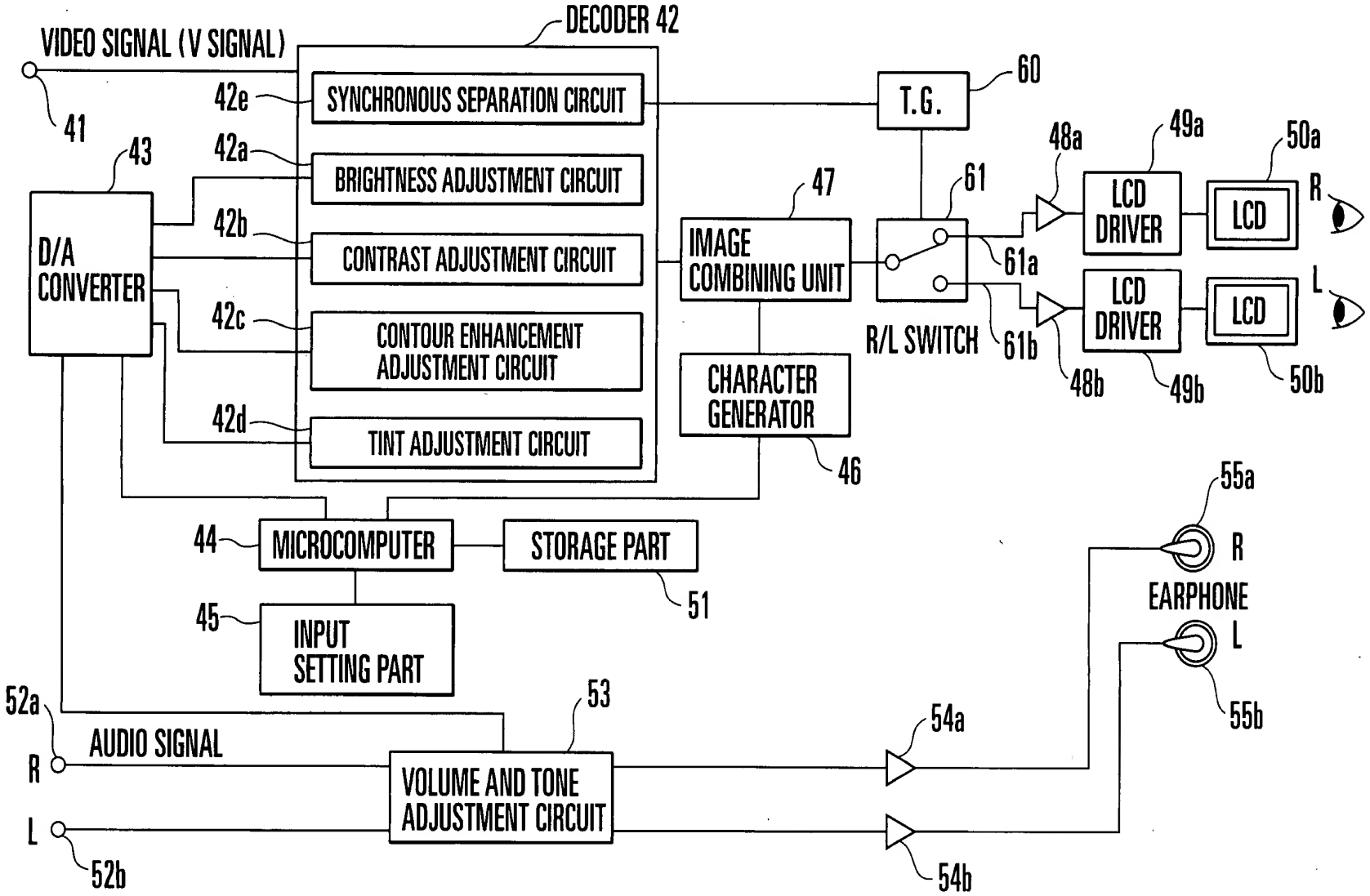
VIDEO SIGNAL (V SIGNAL)
41
DECODER 42
42e
SYNCHRONOUS SEPARATION CIRCUIT
42a
BRIGHTNESS ADJUSTMENT CIRCUIT
42b
CONTRAST ADJUSTMENT CIRCUIT
42c
CONTOUR ENHANCEMENT ADJUSTMENT CIRCUIT
42d
TINT ADJUSTMENT CIRCUIT
43
D/A CONVERTER
47
IMAGE COMBINING UNIT
CHARACTER GENERATOR
46
T.G.
60
61
R/L SWITCH
61a
61b
48a
48b
49a
49b
LCD DRIVER
LCD DRIVER
50a
50b
LCD
LCD
R
L
44
MICROCOMPUTER
STORAGE PART
51
45
INPUT SETTING PART
52a
R
AUDIO SIGNAL
L
52b
53
VOLUME AND TONE ADJUSTMENT CIRCUIT
54a
54b
55a
R
EARPHONE
L
55b

FIG. 3

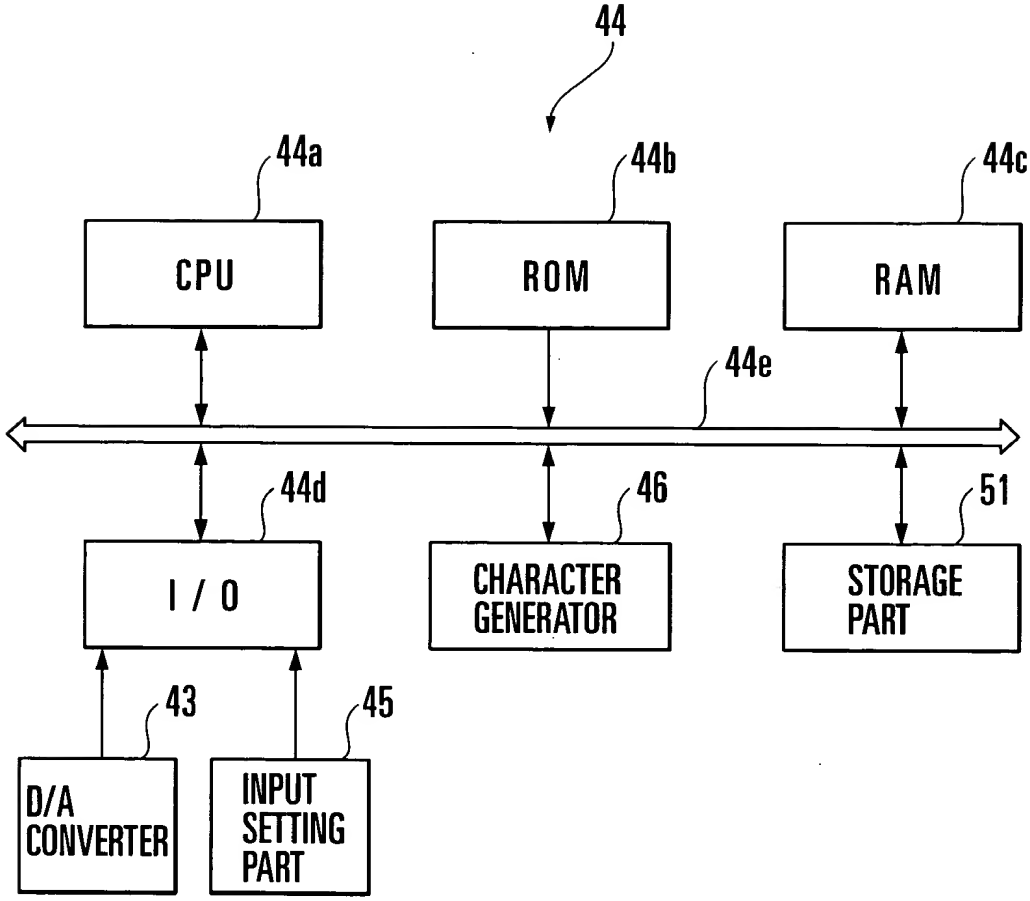

FIG. 4

51

	BRIGHTNESS	CONTRAST	CONTOUR ENHANCEMENT	TINT
STANDARD MODE	STANDARD	STANDARD	STANDARD	STANDARD
ANIMATION MODE	BRIGHT	SLIGHTLY STRONG	—	—
MOVIE MODE	DARK	SLIGHTLY STRONG	WEAK	—
OUTDOOR MODE	MAXIMUM	STRONG	SLIGHTLY STRONG	—
MANUAL MODE	—	—	—	—

FIG. 5

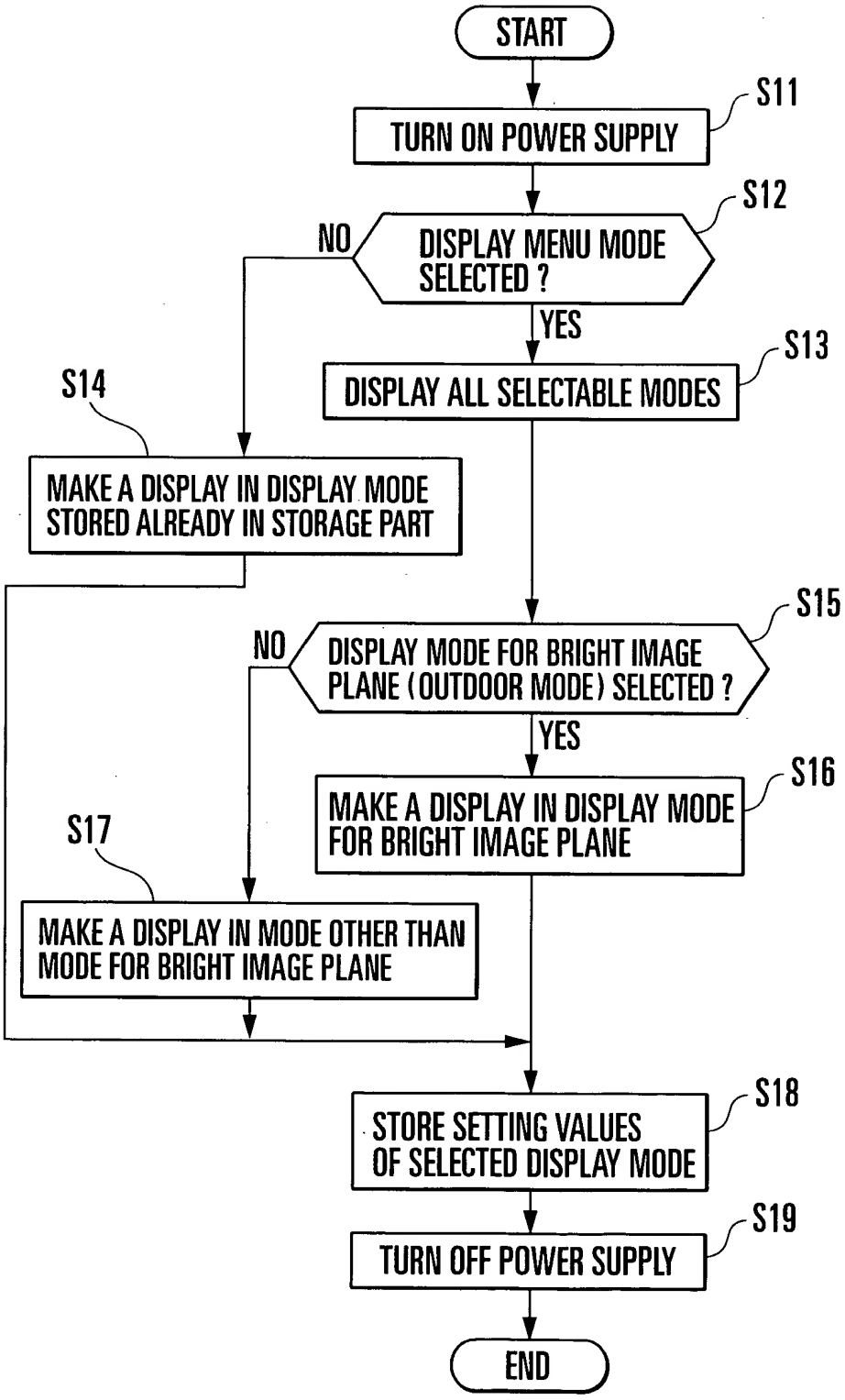
START
TURN ON POWER SUPPLY
S11
DISPLAY MENU MODE SELECTED ?
S12
NO
YES
DISPLAY ALL SELECTABLE MODES
S13
S14
MAKE A DISPLAY IN DISPLAY MODE STORED ALREADY IN STORAGE PART
DISPLAY MODE FOR BRIGHT IMAGE PLANE (OUTDOOR MODE) SELECTED ?
S15
NO
YES
MAKE A DISPLAY IN DISPLAY MODE FOR BRIGHT IMAGE PLANE
S16
S17
MAKE A DISPLAY IN MODE OTHER THAN MODE FOR BRIGHT IMAGE PLANE
STORE SETTING VALUES OF SELECTED DISPLAY MODE
S18
TURN OFF POWER SUPPLY
S19
END

FIG. 6

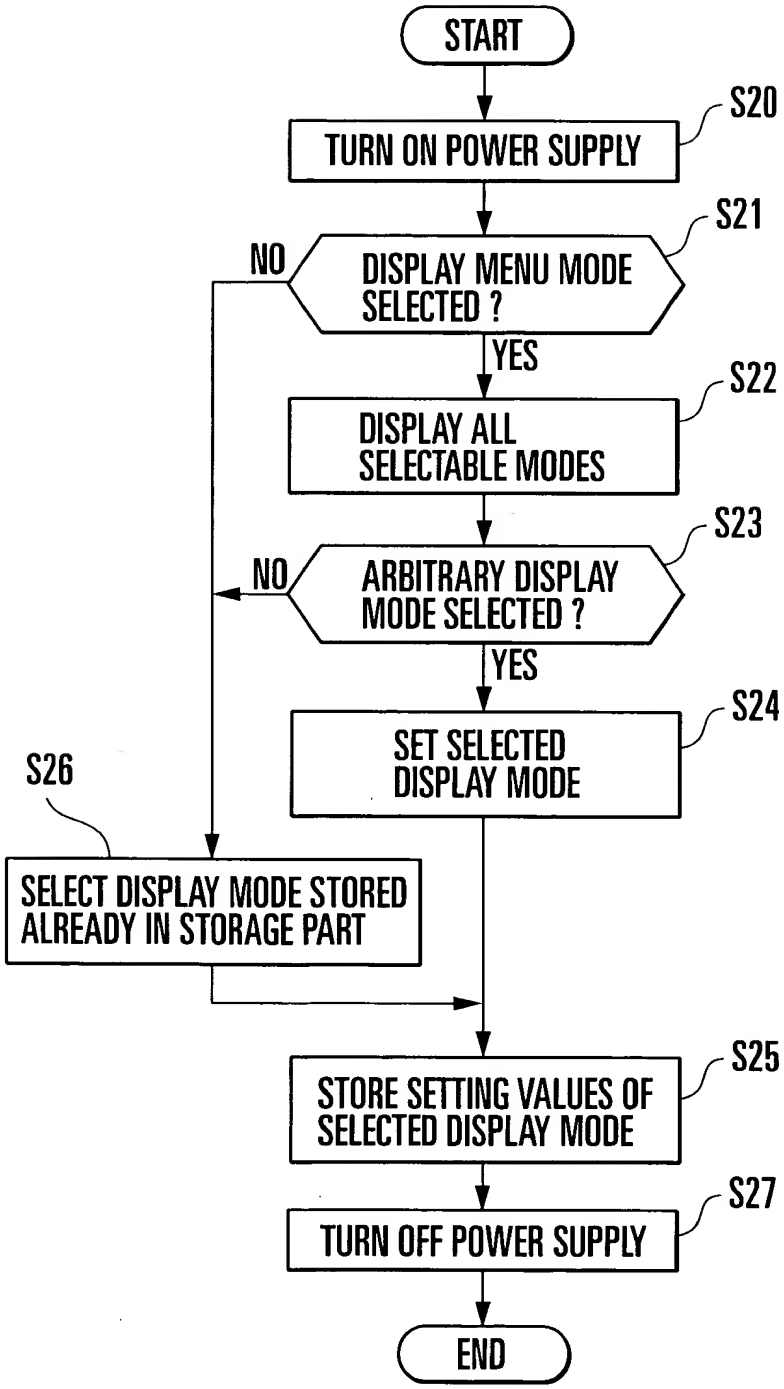
START
TURN ON POWER SUPPLY
S20
DISPLAY MENU MODE SELECTED ?
S21
NO
YES
DISPLAY ALL SELECTABLE MODES
S22
ARBITRARY DISPLAY MODE SELECTED ?
S23
NO
YES
SET SELECTED DISPLAY MODE
S24
S26
SELECT DISPLAY MODE STORED ALREADY IN STORAGE PART
STORE SETTING VALUES OF SELECTED DISPLAY MODE
S25
TURN OFF POWER SUPPLY
S27
END

FIG. 7

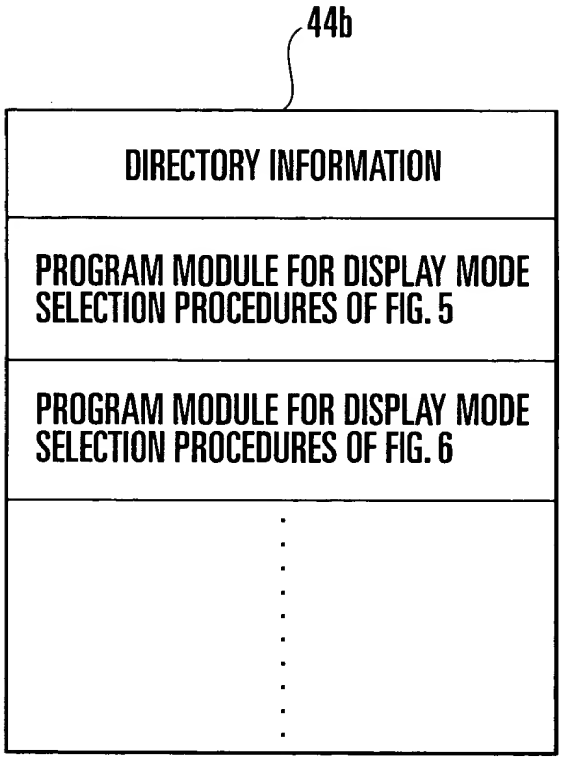
44b
DIRECTORY INFORMATION
PROGRAM MODULE FOR DISPLAY MODE SELECTION PROCEDURES OF FIG. 5
PROGRAM MODULE FOR DISPLAY MODE SELECTION PROCEDURES OF FIG. 6

FIG. 8

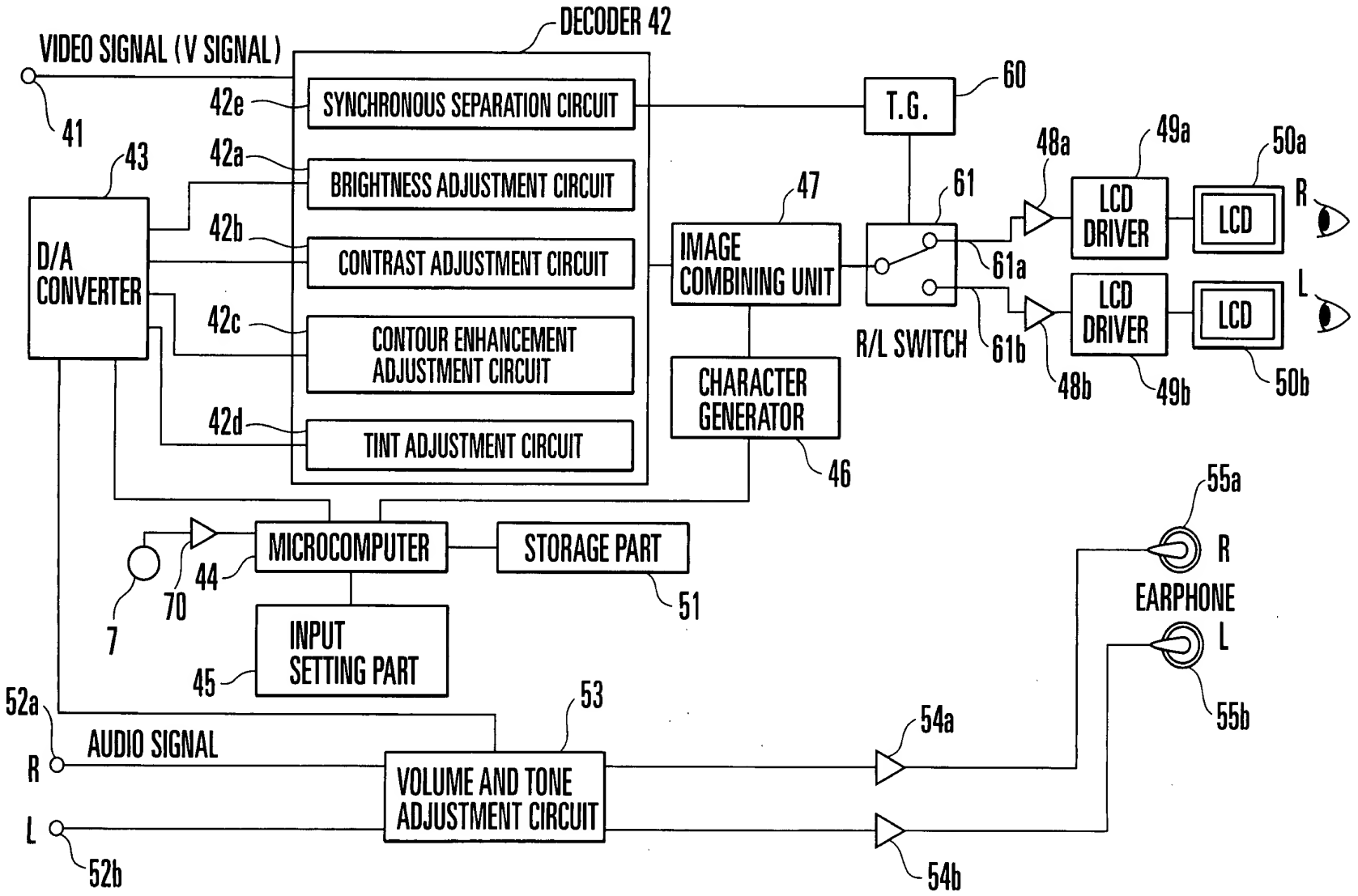
DECODER 42
VIDEO SIGNAL (V SIGNAL)
41
43
D/A CONVERTER
42e
SYNCHRONOUS SEPARATION CIRCUIT
42a
BRIGHTNESS ADJUSTMENT CIRCUIT
42b
CONTRAST ADJUSTMENT CIRCUIT
42c
CONTOUR ENHANCEMENT ADJUSTMENT CIRCUIT
42d
TINT ADJUSTMENT CIRCUIT
T.G.
60
47
IMAGE COMBINING UNIT
CHARACTER GENERATOR
46
61
R/L SWITCH
61a
61b
48a
48b
LCD DRIVER
49a
49b
LCD
50a
50b
R
L
MICROCOMPUTER
44
STORAGE PART
51
70
7
INPUT SETTING PART
45
55a
R
EARPHONE
L
55b
52a
R
AUDIO SIGNAL
L
52b
53
VOLUME AND TONE ADJUSTMENT CIRCUIT
54a
54b

FIG. 9

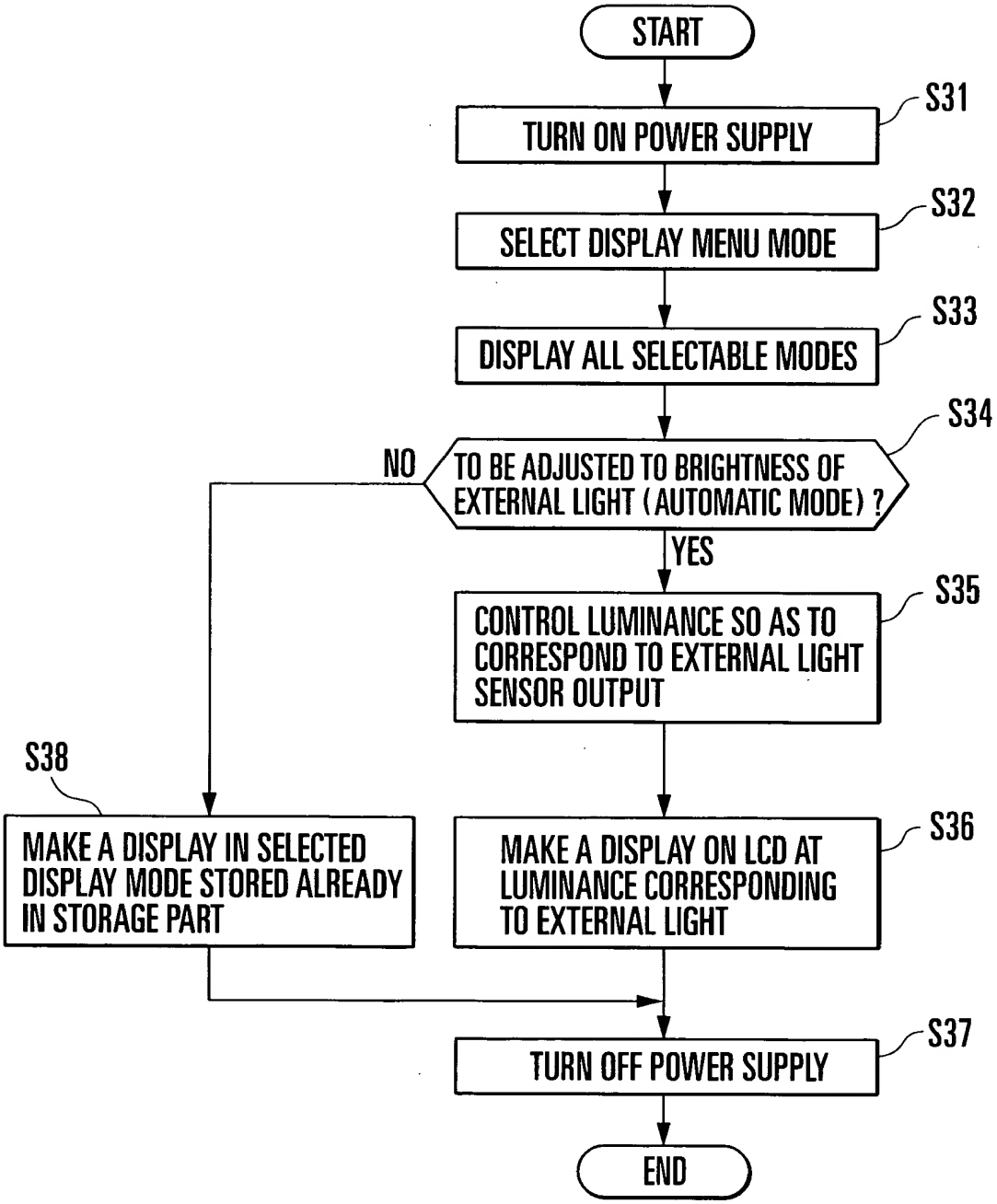
START
S31
TURN ON POWER SUPPLY
S32
SELECT DISPLAY MENU MODE
S33
DISPLAY ALL SELECTABLE MODES
S34
NO
TO BE ADJUSTED TO BRIGHTNESS OF EXTERNAL LIGHT (AUTOMATIC MODE) ?
YES
S35
CONTROL LUMINANCE SO AS TO CORRESPOND TO EXTERNAL LIGHT SENSOR OUTPUT
S38
MAKE A DISPLAY IN SELECTED DISPLAY MODE STORED ALREADY IN STORAGE PART
S36
MAKE A DISPLAY ON LCD AT LUMINANCE CORRESPONDING TO EXTERNAL LIGHT
S37
TURN OFF POWER SUPPLY
END

FIG. 10

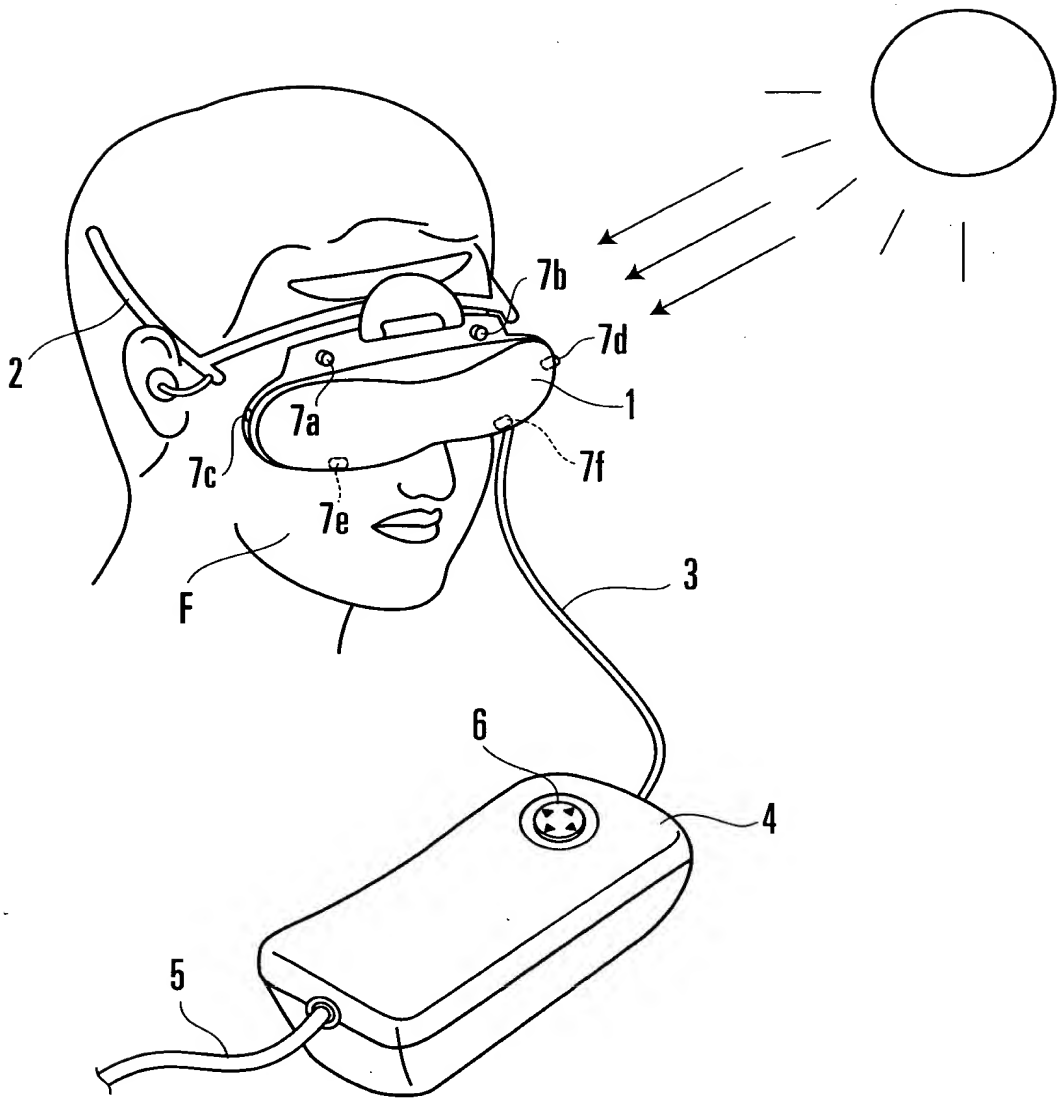

FIG. 11

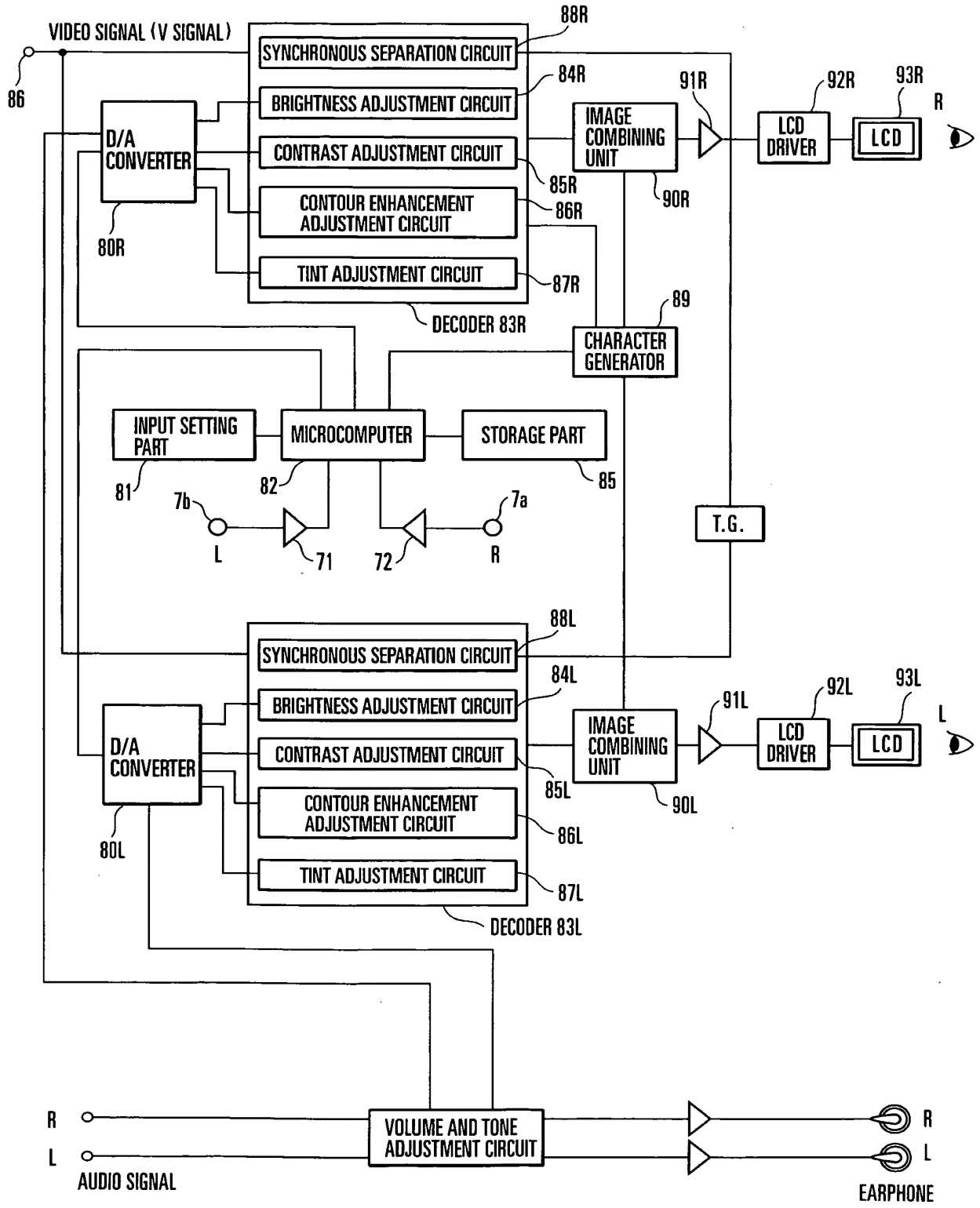
VIDEO SIGNAL (V SIGNAL)
86
D/A CONVERTER
80R
SYNCHRONOUS SEPARATION CIRCUIT
88R
BRIGHTNESS ADJUSTMENT CIRCUIT
84R
CONTRAST ADJUSTMENT CIRCUIT
85R
CONTOUR ENHANCEMENT ADJUSTMENT CIRCUIT
86R
TINT ADJUSTMENT CIRCUIT
87R
DECODER 83R
IMAGE COMBINING UNIT
90R
91R
LCD DRIVER
92R
LCD
93R
R
CHARACTER GENERATOR
89
INPUT SETTING PART
81
MICROCOMPUTER
82
STORAGE PART
85
7b
L
71
72
7a
R
T.G.
SYNCHRONOUS SEPARATION CIRCUIT
88L
BRIGHTNESS ADJUSTMENT CIRCUIT
84L
CONTRAST ADJUSTMENT CIRCUIT
85L
CONTOUR ENHANCEMENT ADJUSTMENT CIRCUIT
86L
TINT ADJUSTMENT CIRCUIT
87L
DECODER 83L
D/A CONVERTER
80L
IMAGE COMBINING UNIT
90L
91L
LCD DRIVER
92L
LCD
93L
L
R
L
AUDIO SIGNAL
VOLUME AND TONE ADJUSTMENT CIRCUIT
R
L
EARPHONE

FIG. 12

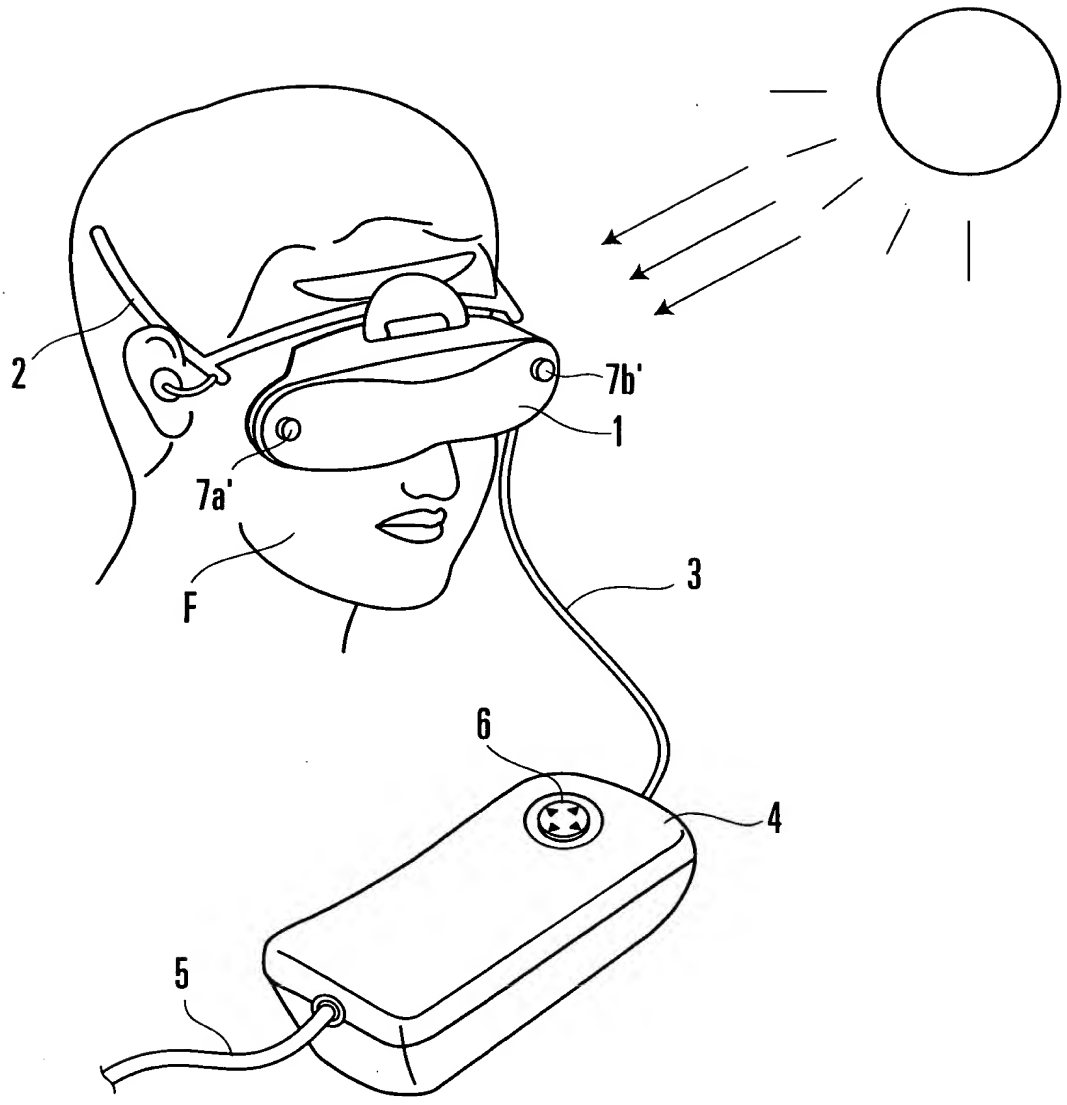

FIG. 13

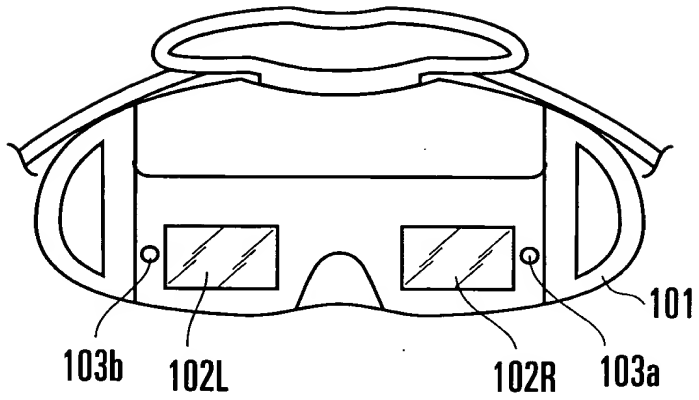

FIG. 14

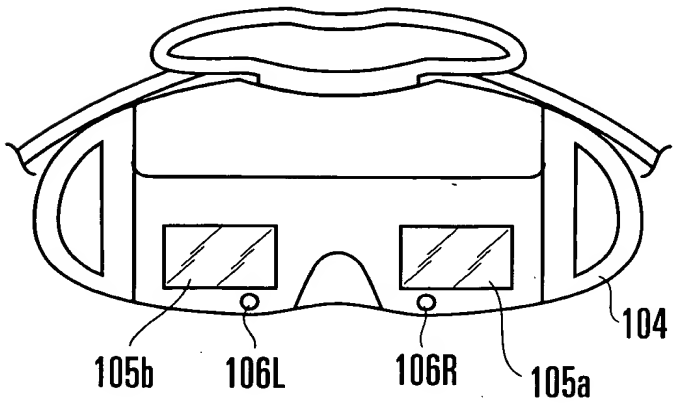

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FIG. 15

	BRIGHTNESS	CONTRAST	CONTOUR ENHANCEMENT	TINT
STANDARD MODE	STANDARD	STANDARD	STANDARD	STANDARD
ANIMATION MODE	BRIGHT	SLIGHTLY STRONG	—	—
MOVIE MODE	DARK	SLIGHTLY STRONG	WEAK	—
OUTDOOR MODE	MAXIMUM	STRONG	SLIGHTLY STRONG	—
MANUAL MODE	—	—	—	—
AUTOMATIC	—	—	—	—